

**APPARATUS AND METHOD TO WRITE INFORMATION TO TWO  
GEOGRAPHICALLY SEPARATED VIRTUAL TAPE SERVERS**

**Abstract Of The Disclosure**

A method is disclosed to write information to two geographically separated  
5 virtual tape servers, where a first virtual server includes a first adjustable host bandwidth,  
and where a second virtual tape server includes a second adjustable host bandwidth, and  
where the first virtual tape server and the second virtual tape server exchange information  
via a virtual tape controller. The method provides a file to the virtual tape controller,  
writes that file to the first virtual tape server, and queues a copy job for the file in the  
10 virtual tape controller. Subsequently, the method provides the file to the second virtual  
tape server. The method sets a throughput threshold, determines the actual VTC  
throughput, and determines if the actual VTC throughput exceeds the throughput  
threshold. The method sets an age threshold and determines if the copy job age is greater  
than that age threshold. If the actual VTC throughput is greater than the throughput  
15 threshold and the copy job age is greater than the age threshold, then the method  
decreases the first adjustable host bandwidth and/or the second adjustable host  
bandwidth, otherwise the method restores the bandwidth to a nominal value.